

[0x08048390]> pdf @ main

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    ;-- main:
/ (fcn) main 92
|   main ();
|       ; var int local_ch @ ebp-0xc
|       ; var int local_4h_2 @ ebp-0x4
|       ; var int local_4h @ esp+0x4
|       ; DATA XREF from 0x080483a7 (entry0)
|   0x080484d7      8d4c2404      lea ecx, [local_4h]          ; 4
|   0x080484db      83e4f0      and esp, 0xfffffffff0
|   0x080484de      ff71fc      push dword [ecx - 4]
|   0x080484e1      55          push ebp
|   0x080484e2      89e5      mov ebp, esp
|   0x080484e4      51          push ecx
|   0x080484e5      83ec14     sub esp, 0x14
|   0x080484e8      83ec08     sub esp, 8
|   0x080484eb      6a64      push 0x64          ; 'd' ; 100
|   0x080484ed      6a00      push 0
|   0x080484ef      e897ffff  call sym.read_valid_int
|   0x080484f4      83c410     add esp, 0x10
|   0x080484f7      8945f4     mov dword [local_ch], eax
|   0x080484fa      8b45f4     mov eax, dword [local_ch]
|   0x080484fd      83e001     and eax, 1
|   0x08048500      85c0      test eax, eax
|   ,=< 0x08048502      7512      jne 0x8048516
|   |   0x08048504      83ec0c     sub esp, 0xc
|   |   0x08048507      68ea850408 push str.x_is_even      ; 0x80485ea ; "x is even"
|   |   0x0804850c      e83ffeffff call sym.imp.puts      ; int puts(const char *s)
|   |   0x08048511      83c410     add esp, 0x10
|   ,==< 0x08048514      eb10      jmp 0x8048526
|   |   -> 0x08048516      83ec0c     sub esp, 0xc
|   |   0x08048519      68f4850408 push str.x_is_odd      ; 0x80485f4 ; "x is odd"
|   |   0x0804851e      e82dfeffff call sym.imp.puts      ; int puts(const char *s)
|   |   0x08048523      83c410     add esp, 0x10
|   |       ; JMP XREF from 0x08048514 (main)
|   |--> 0x08048526      b800000000 mov eax, 0
|   |   0x0804852b      8b4dfc     mov ecx, dword [local_4h_2]
|   |   0x0804852e      c9          leave
|   |   0x0804852f      8d61fc     lea esp, [ecx - 4]
|   |   0x08048532      c3          ret
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